FIG. 1
PRIOR ART

FIG. 2
PRIOR ART
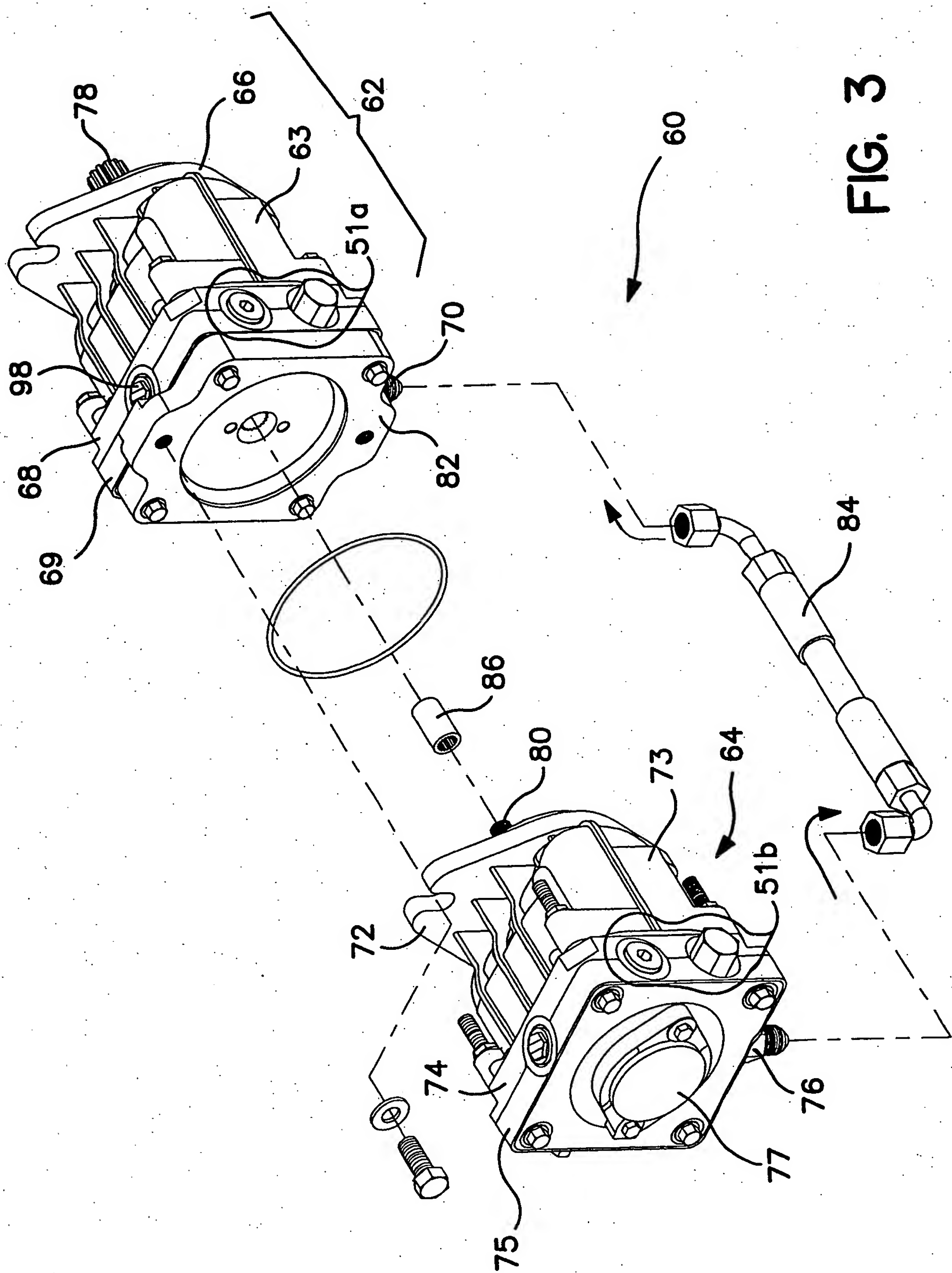
78

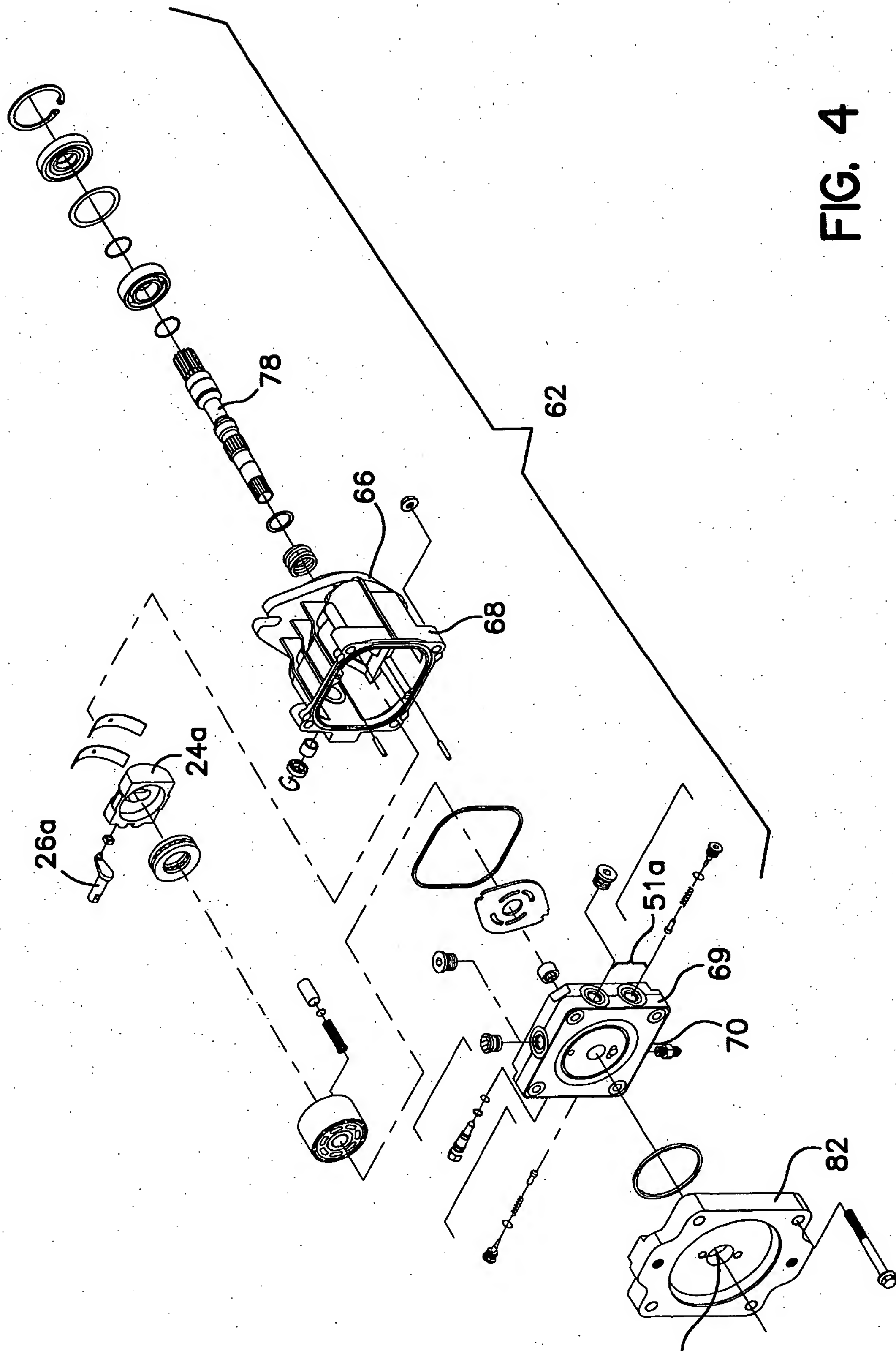66

98

68

69

63

62

51a

70

82

86

72

74

80

73

64

51b

77

76

75

84

60

FIG. 3

78

62

66

68

26a

24a

51a

69

70

82

FIG. 4

92

96   94

88

82

FIG. 5

92

90   94   96

82

FIG. 6

FIG. 7

77
28
75
26b
24b
80
80
73
82
86
68
26a
24a
60
78
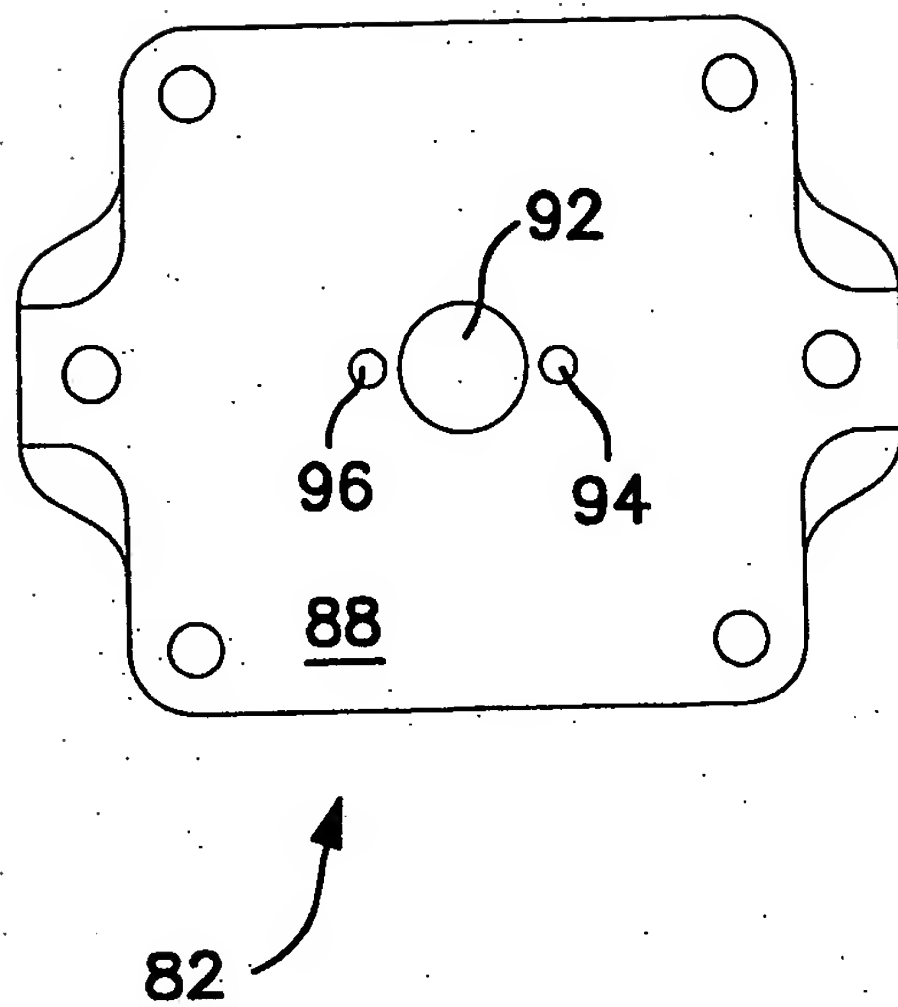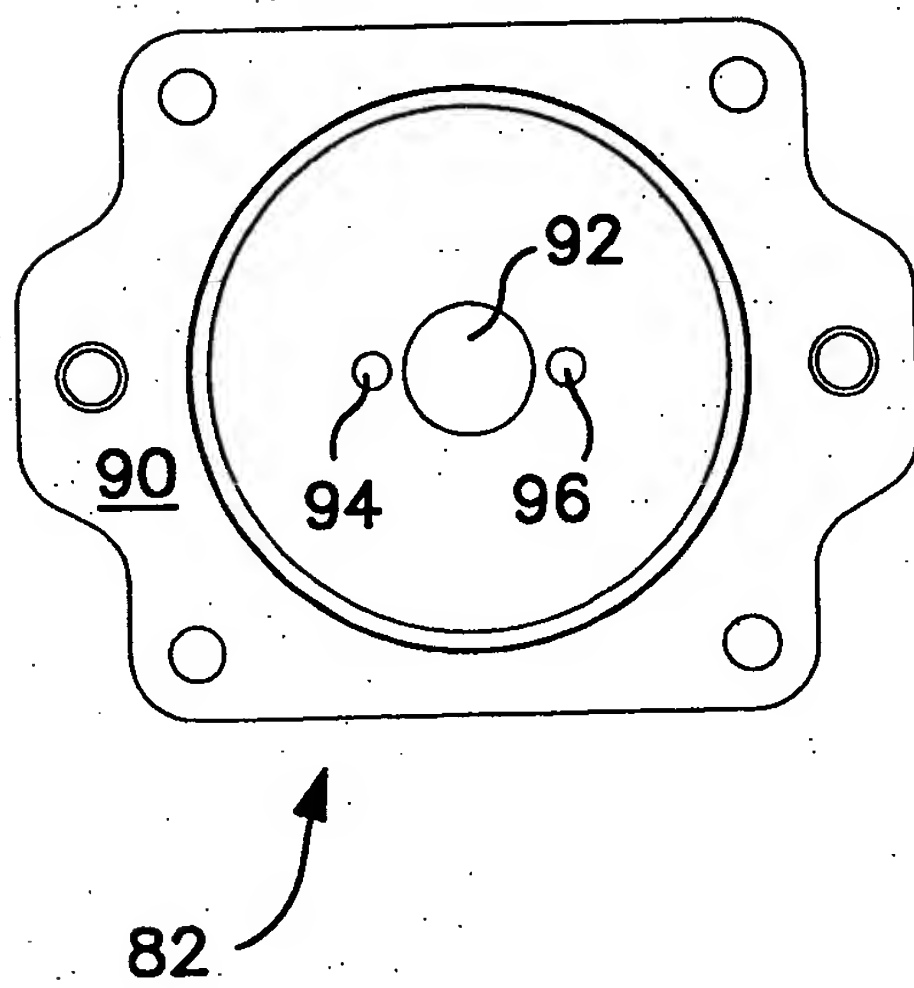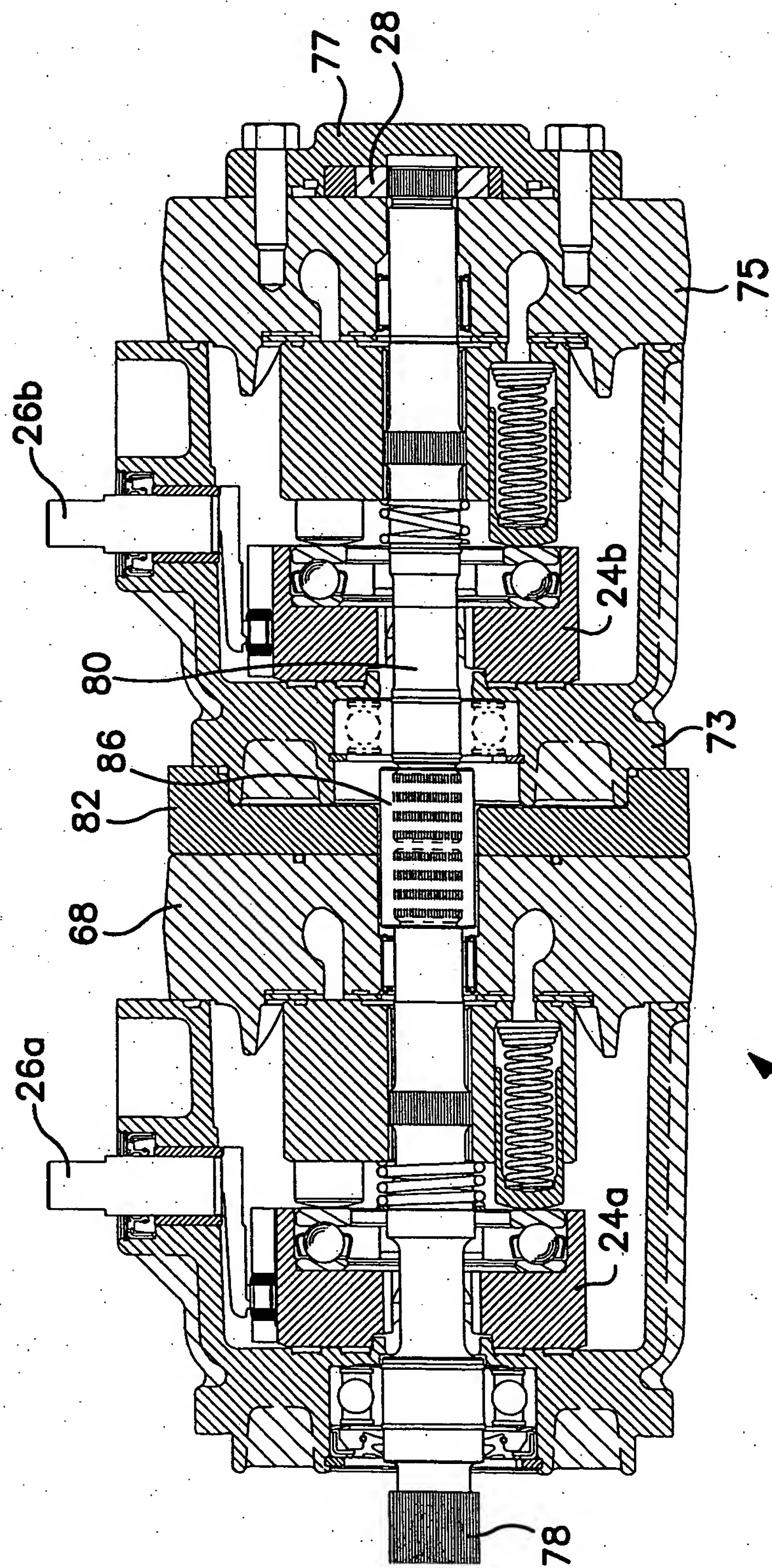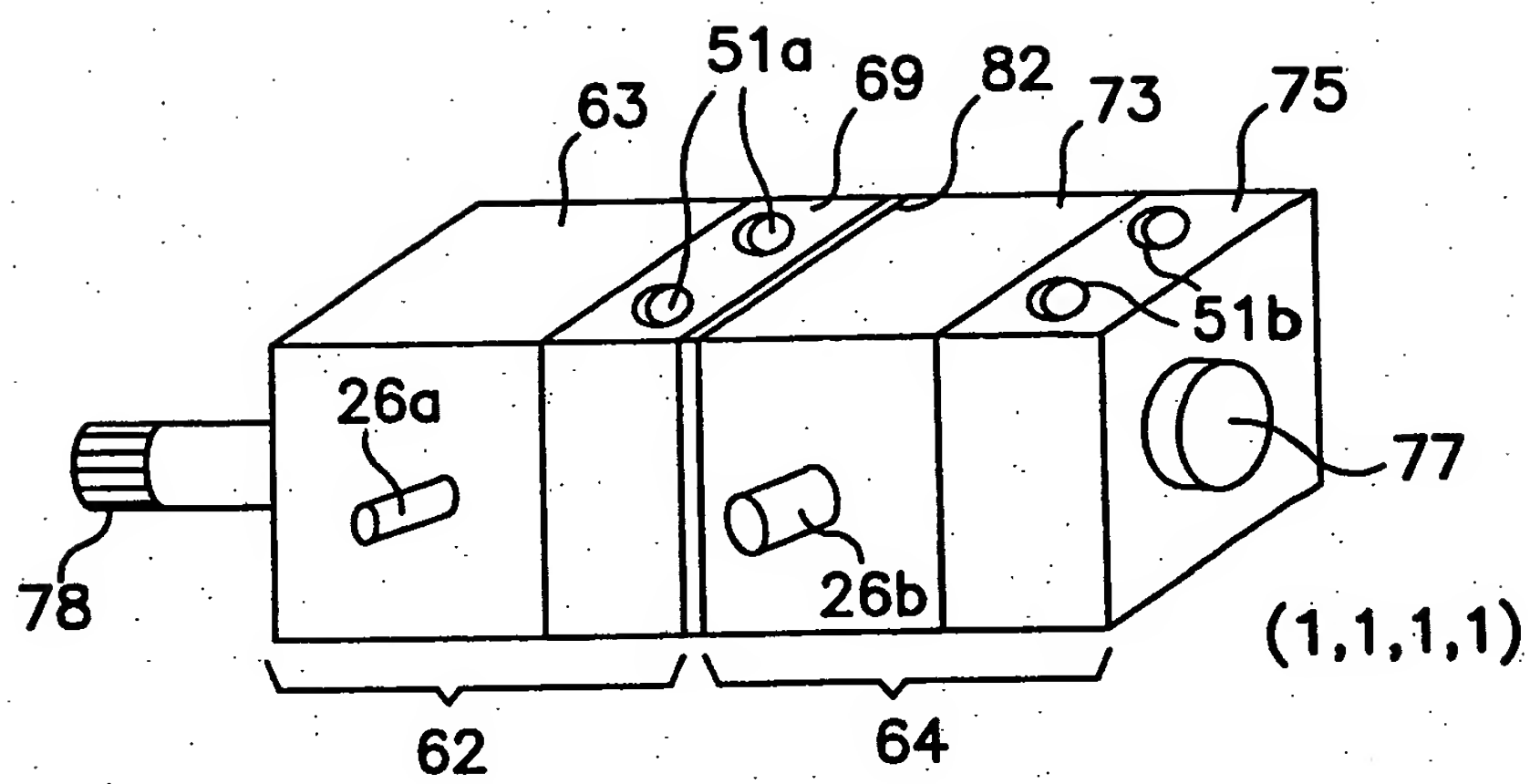
FIG. 8

TANDEM PUMP ORIENTATIONS

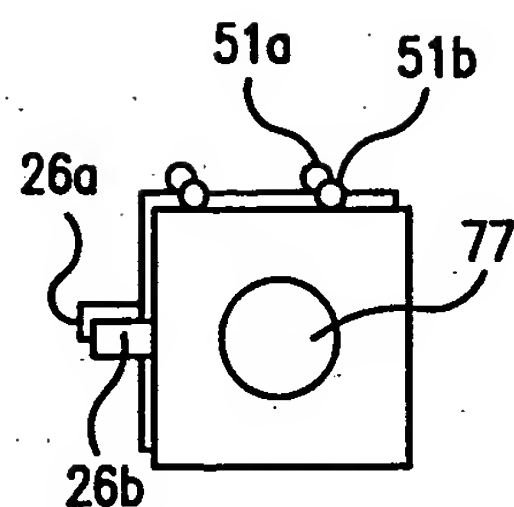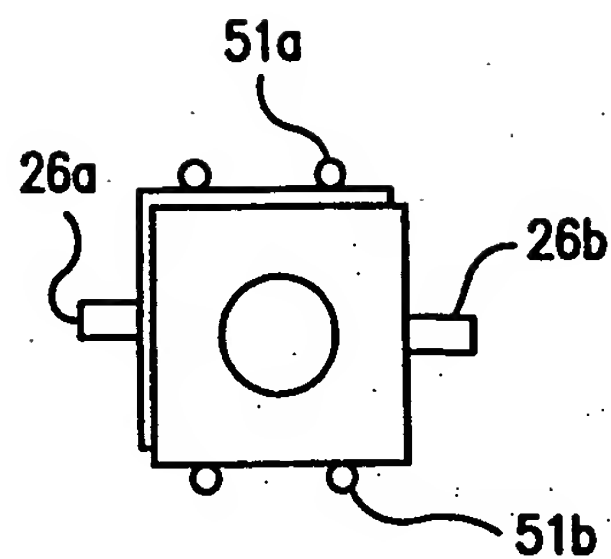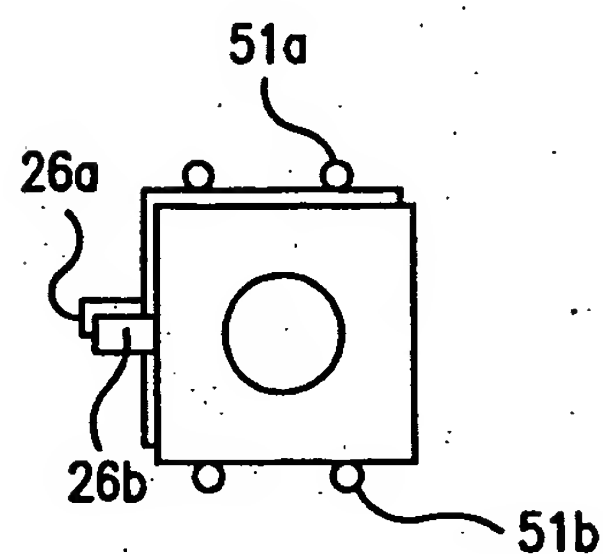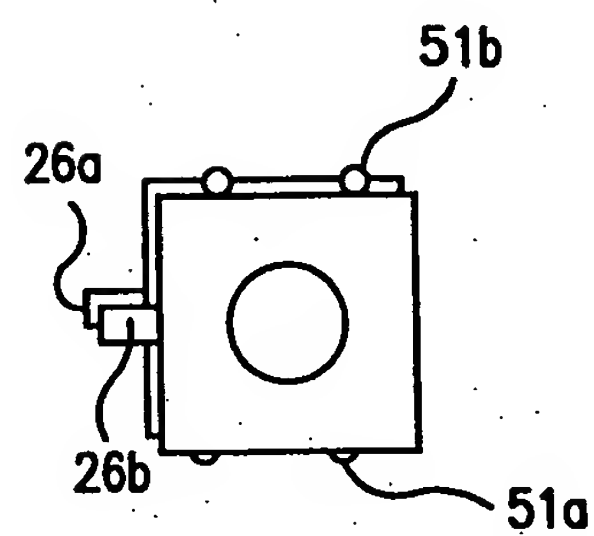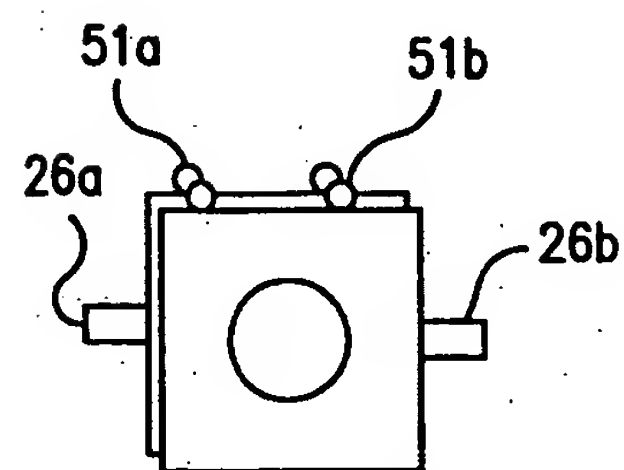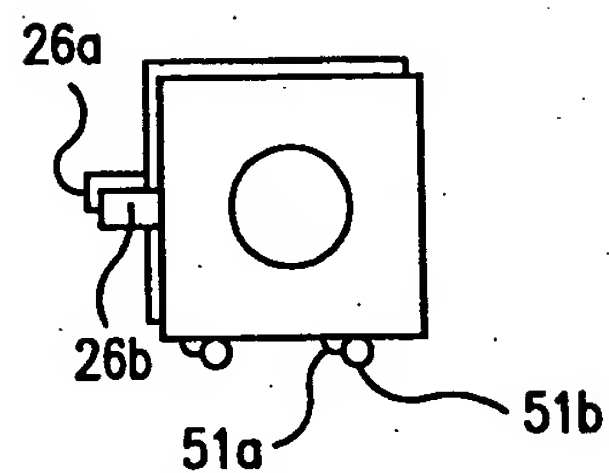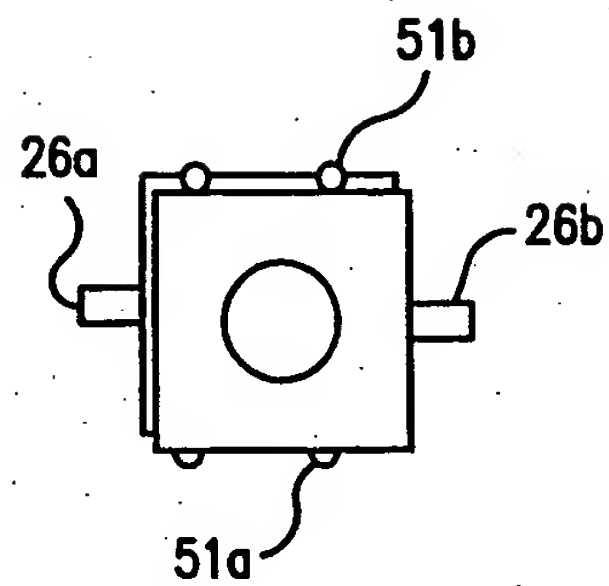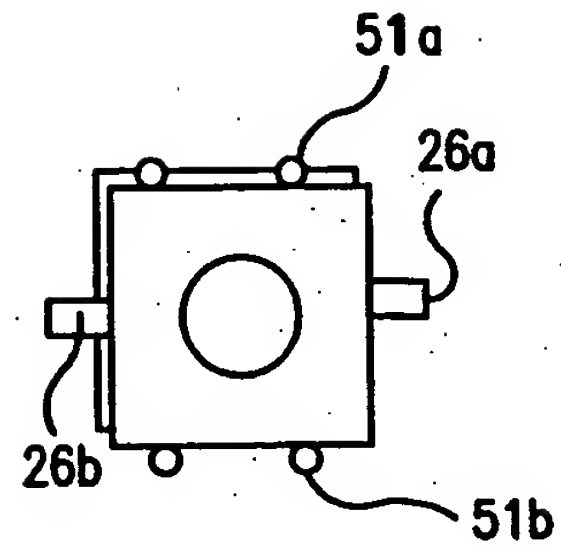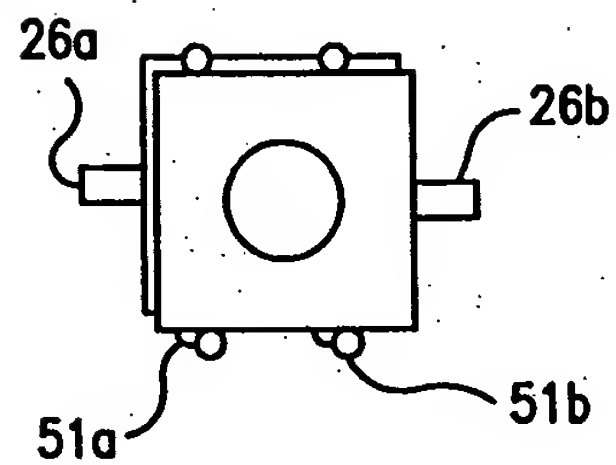| ORIENTATION	FIRST PUMP ORIENTATIONS		SECOND PUMP ORIENTATIONS	
	TRUNION ARM	PORTS	TRUNION ARM	PORTS
1	1	1	1	1
2	1	1	1	2
3	1	1	2	1
4	1	1	2	2
5	1	2	1	1
6	1	2	1	2
7	1	2	2	1
8	1	2	2	2
9	2	1	1	1
10	2	1	1	2
11	2	1	2	1
12	2	1	2	2
13	2	2	1	1
14	2	2	1	2
15	2	2	2	1
16	2	2	2	2

FIG. 9

FIG. 10a

FIG. 10d

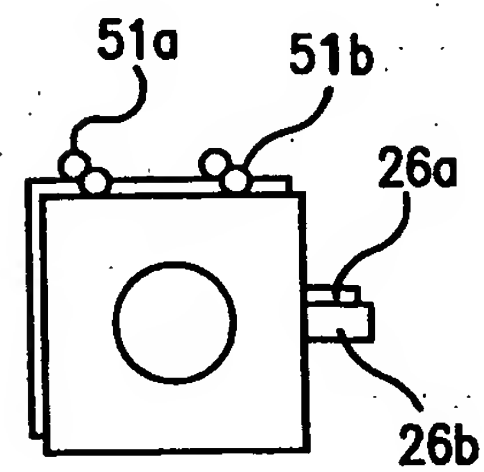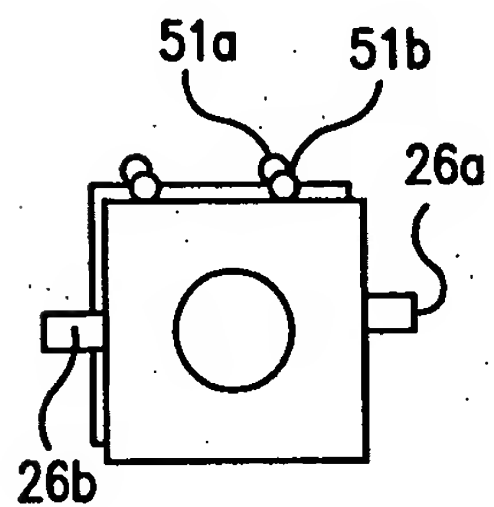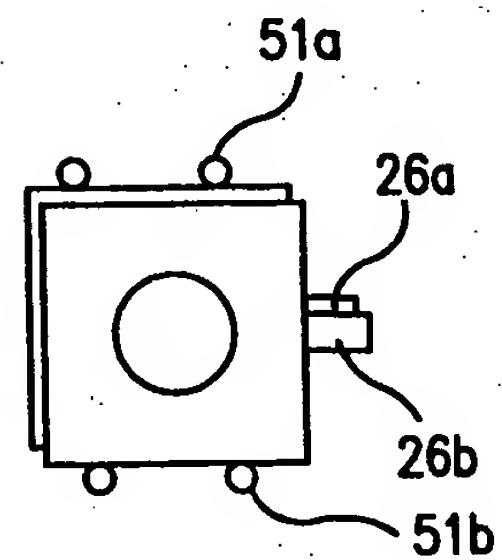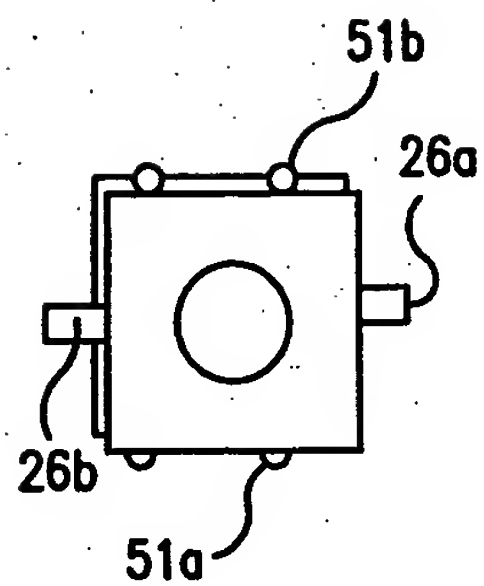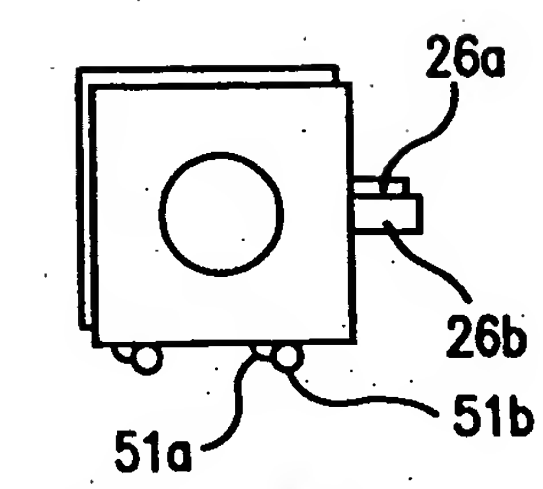FIG. 10b

FIG. 10e

FIG. 10c

FIG. 10f

51b

26a

26b

51a

FIG. 10g

51a

26a

26b

51b

FIG. 10j

26a

26b

51a

51b

FIG. 10h

51a

51b

26a

26b

FIG. 10k

51a

51b

26a

26b

FIG. 10i

51a

26a

26b

51b

FIG. 10 l

51b

26a

26b

51a

FIG. 10m

26a

26b

51a   51b

FIG. 10p

26a

26b

51a   51b

FIG. 10n

51b

26a

26b

51a

FIG. 10o